



**Estructura specialised
Construction Pvt Ltd**

Date : 28-05-2024

An ISO Organisation

CERTIFICATE



Quality Management System of:

ESTRUCTURA SPECIALISED CONSTRUCTION PVT. LTD.,

F3, Shelters Promoters,
Sangamitra Flats, Plot No. 29,
Vasuki Street, Krishnapuram,
Ambattur, Chennai-600 053
Tamil Nadu, India

Has been assessed and found to meet the registration requirements of:

ISO 9001:2015

The certificate is valid for the following scope of operation:

- > **Design and Execution of Construction Enabling methods and Techniques such as launching Gantries, Formtraveller, Concrete Formworks for Civil Projects**
- > **Providing Specialised Services such as Post Tensioning, Prestressing, Geotechnical Anchoring, Mechanical Splicing and High Tensile Bars System for Civil Projects**

Certificate Registration No. : I006922

Date of 1st Surveillance Due : 30.08.2023	Issue No. : 01
Date of 2nd Surveillance Due : 30.08.2024	Date of Issue : 30.09.2022
Date of re-certification Due : 30.08.2025	* Valid Until : 30.09.2025

A handwritten signature in purple ink, likely of the representative of the certified organization.

AGQR Certifications Private Limited



CB Address: A-6, 2nd Floor, A.P. Abhinava, Kavimani Salai, Mogappair West, Chennai-600 037
Ph: 044 2653 5631 / www.agqrcertifications.com

AGQR is Accredited by Singapore Accreditation Services for Certification Bodies (SACB), Singapore
This Certificate is valid for three years subject to the successful completion of two annual surveillance audits.
Please Check / Re-check the validity at the above mentioned CB / Accreditation Board Address or Website

This Certificate remains the proprietary of AGQR Certifications Private Limited and shall be returned immediately upon request. This issue of the certificate does not bestow any legal Right

Introduction - Estructura

2 PAN INDIA OFFICES
(CHENNAI & DELHI)

1 SPECIALISED
PRODUCTION FACTORY

40 DEDCATED
PEOPLES

80 + ONGOING
PROJECTS INCLUDING
GROUP COMPANY CMC

AVG. EXPERIENCE OF
TECHNICAL STAFFS 15+
YEARS

ISO CERTIFIED
COMPANY

1 GROUP COMPANY –
CONSTRUCTION MEN
CONTRACTS PVT LTD

Specialized Main contract

- FOB's ROB's bridges
- Metro and industrial Buildings
- Commercial buildings
- Repair & Retro fitting of concrete structures

Specialized Sub contract

- Pretensioning /Post Tensioning works
- Geotechnical works
 - PT anchors
 - Micropiles
 - Shotcrete
- Construction Methods
 - Heavy Lifting
 - Incremental Launching system
 - Deconstruction
 - Precasting
 - Cast in situ

Specialized Products

- Mechanical splicing
- PT bars

Area of Business

Estructura Specialised Construction Pvt Ltd

CREDENTIAL REPORT

INFRASTRUCTURE

- Highways
- Bridges
- Metros
- LNG terminals, silos, wind silos
- Dams and barrages
- Tunnels



Buildings

- Metro Depot and station buildings
- High rise residential
- High rise commercial
- IT parks
- Hospital
- Hotels
- Education institution

Architectural ROB's and FOB's



Repair and retrofitting



PRESTRESSING - INFRASTRUCTURE

Prestressing

- Bridges
- Offshore platforms
- Silos
- Other civil structures

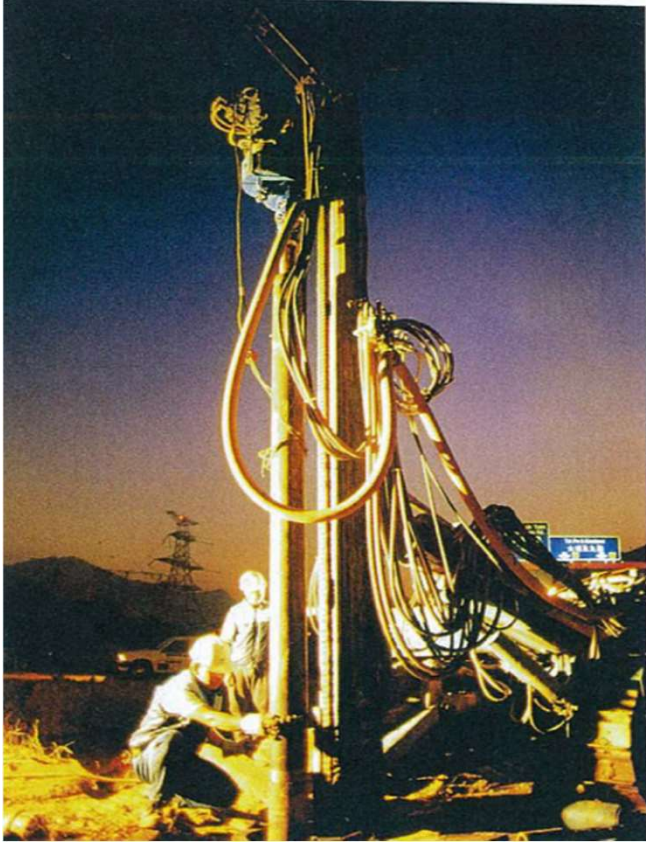


GEOTECHNICAL – Anchors - strand & bar

Prestressed ground/rock anchors
Double corrosion protection tendons



GEOTECHNICAL – Minipiles, wet/Dry shotcreting



Construction Methods

CMC can develop efficient and cost saving construction methods as well as their related activities :

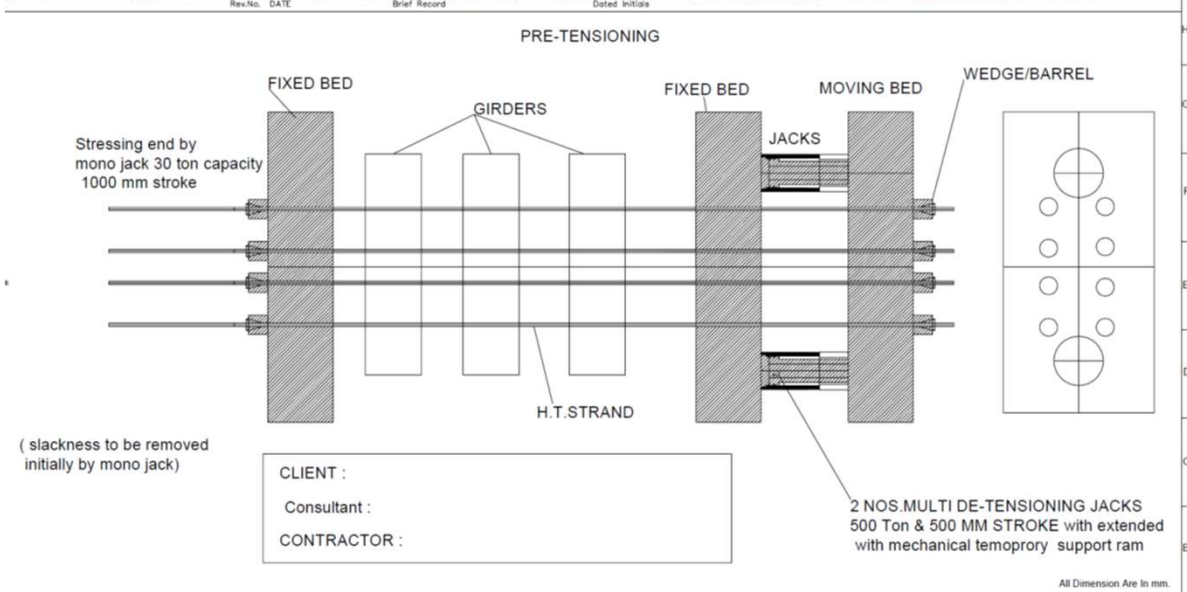
- Heavy lifting/
jacking
- Incremental
launching
- Deconstruction
- Pre-casting
- Casting-in-situ



Construction Methods (Shifting and Lifting)



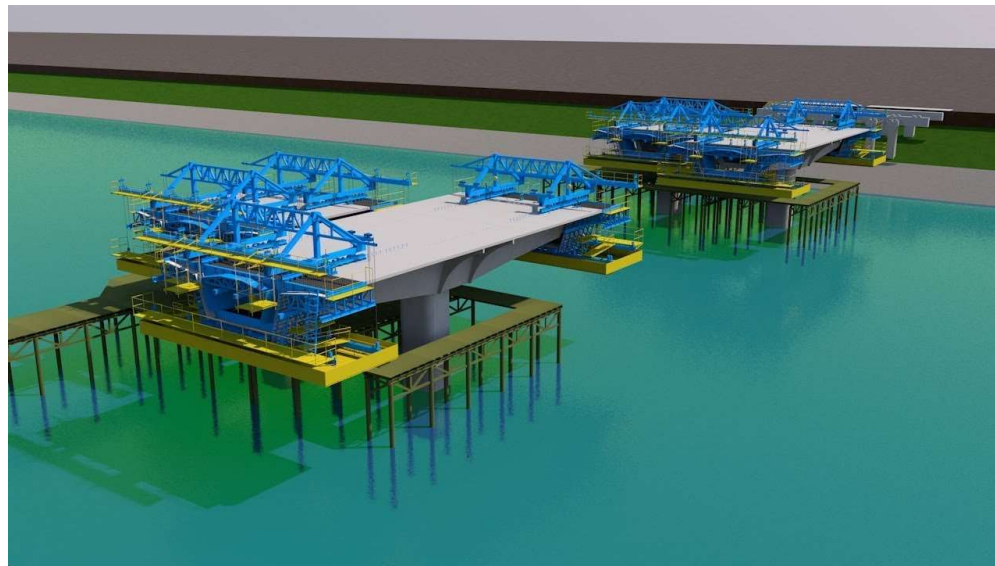
Construction Methods (U and I – Girder pretensioning)



Launching Gantries



Form Traveller



Lifting Frames



Incremental Launching systems



Estructura Factory – Tiruchirapalli, Tamilnadu



Factory specialised in all heavy fabrication such as Launching gantry, lifting truss, concrete moulds, ground support system etc.,

Size – 120mtr x 60mtr – 3bay with 2 EOT cranes

Area – 6 acre land

Location - 8kms from Airport



Estructura Factory – Manamadurai, Tamilnadu



4 acre area, 100mtrs x 22mtrs shed

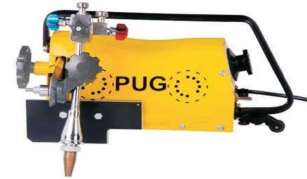
EOT cranes -25mt

Estructura Factory – Manamadurai, Tamilnadu



OUR MACHINERY

1. Track cutting machines(pug) – 04nos
2. Hand cutting machines – 03nos
3. Fitting equipment's
4. Welding machines – 12nos
5. Grinding machines – 15nos
6. MPI Test machine – 02no



ADDED MACHINERY

- We have already order some extraordinary machine like
 1. CNC Plasma cutting machine
 2. Rolling machine
 3. Submerged Arc welding machine
 4. Vacuum abrasive blasting machine
 5. Airless spray painting machine



Estructura Factory – Tiruchirapalli, Tamilnadu



Estructura Factory – Tiruchirapalli, Tamilnadu



Estructura Factory – Tiruchirapalli, Tamilnadu



Certified Welders

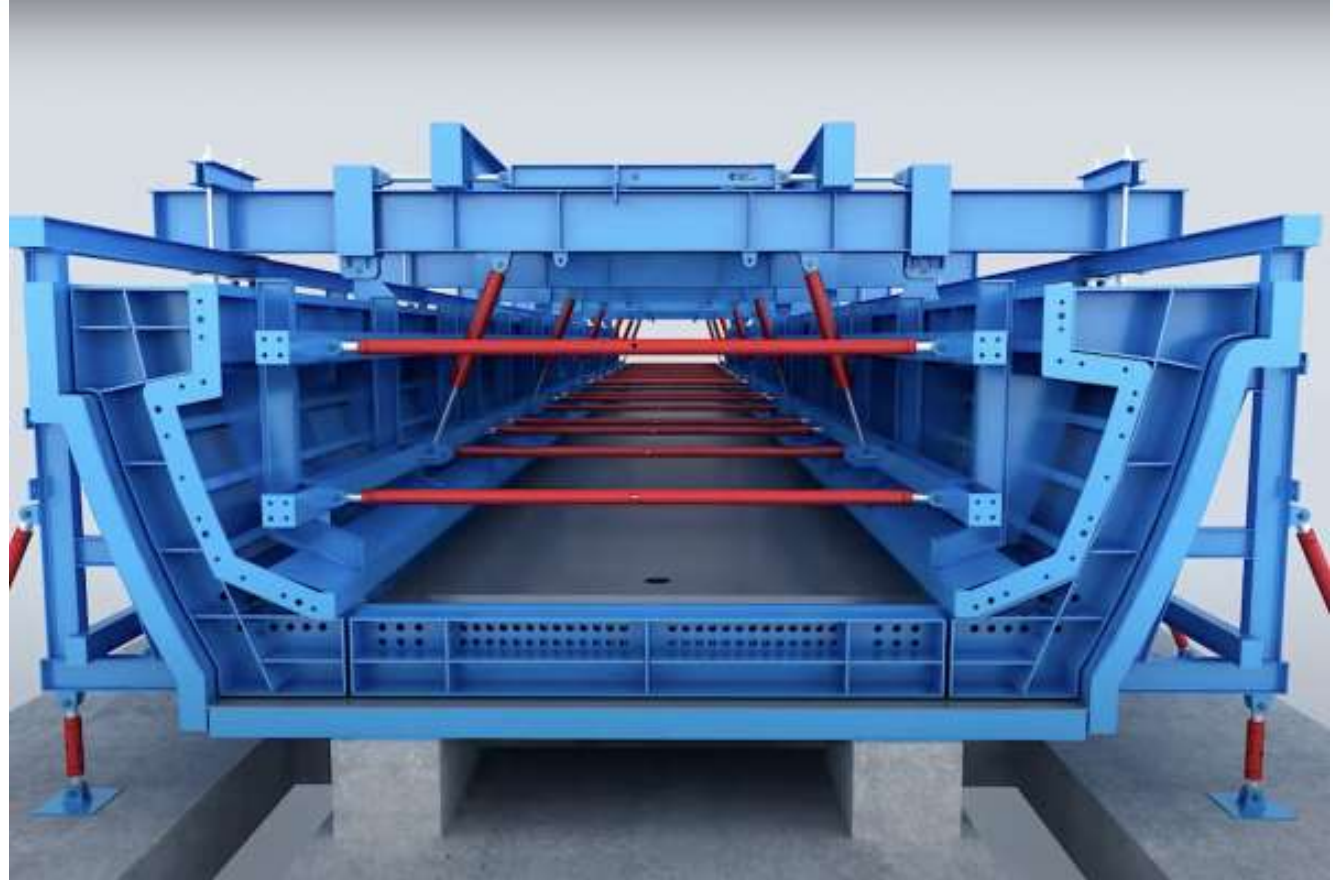
Certified inspectors

Inhouse testing facilities

Short line and Long line concrete segmental bridge moulds fabrication designed and Fabricated by Estructura



I-Girder and U-girder formwork fabrication designed and Fabricated by Estructura



I-girder spreader beam Designed and Fabricated by Estructura



Load Test at site



I-Girder shuttering fabrication

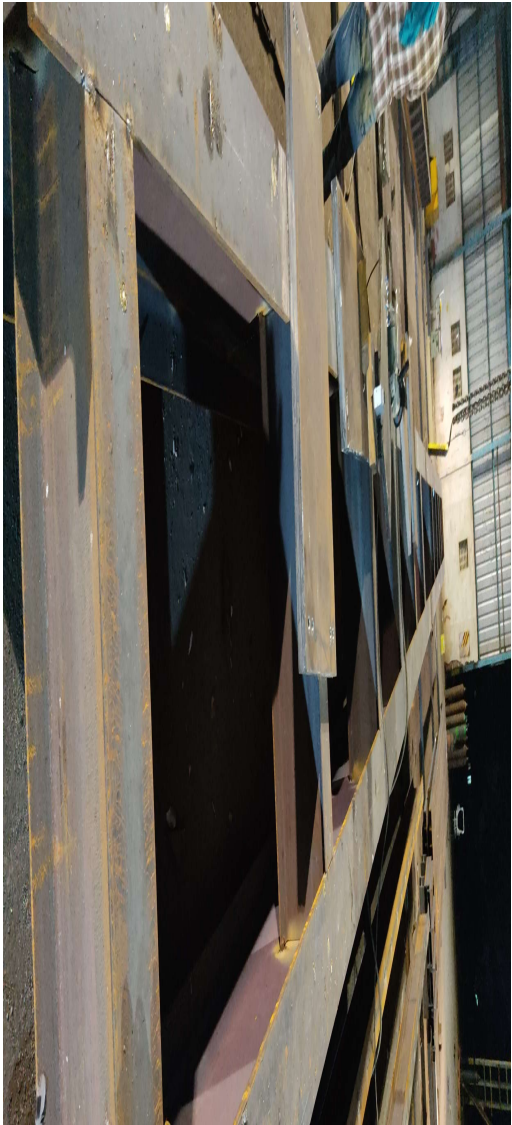
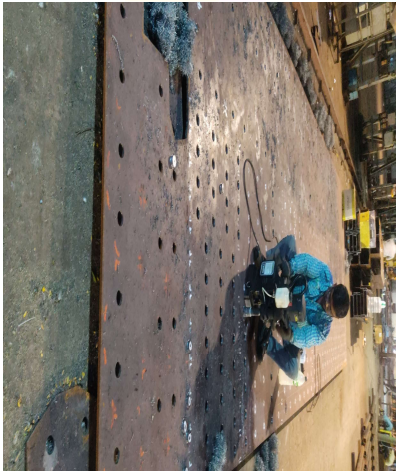
- We are shearing some of our I-Girder shuttering fabrication images.



STEEL I - GIRDER FABRICATION



LAUNCHING GANTRY FABRICATION



LG and shuttering despatch from Factory



Ongoing project photos



Ongoing project photos



Ongoing project photos



Ongoing project photos – Chennai Bangalore Expressway



Estructura Projects Credentials

S.NO	Project description	Activity	Customer
1	Four lane Bangalore Chennai Expressway project under baratmala on hybrid annuity mode (Phase 3, package 4)	Prestressing – 900Tons 15.2mm strand system	M/S Ramalingam Construction Company Ltd
2	Four lane Bangalore Chennai Expressway project under baratmala on hybrid annuity mode (Phase 3, package 4)	Fabrication of I-Girder Formwork	M/S Ramalingam Construction Company Ltd
3	Four lane Bangalore Chennai Expressway project under baratmala on hybrid annuity mode (Phase 3, package 4)	Fabrication and supply of I- Girder Launching Gantry	M/S Ramalingam Construction Company Ltd
4	Six-Laning of Existing Kozhikode Bypass (Near Vengalam JN to Ramanattukara JN) Section of NH-66 from Km 230+400 (Existing Km 230+400) to Km 258+800 (Existing Km 27+840of NH-PWD) under NHDP Phase III on Hybrid Annuity Mode in the State of Kerala	Prestressing – 900Tons 15.2mm strand system	M/S KMC
5	Sumit sood – Anand Niketan, Delhi	Building construction along with prestressing – 12.7mm strand	M/S AASHRAY
6	Commercial building at new friends colony, Delhi	Building construction along with prestressing – 12.7mm strand	M/S AASHRAY

Estructura Projects Credentials

S.NO	Project description	Activity	Customer
7	Six-Laning of Existing Kozhikode Bypass (Near Vengalam JN to Ramanattukara JN) Section of NH-66 from Km 230+400 (Existing Km 230+400) to Km 258+800 (Existing Km 27+840of NH-PWD) under NHDP Phase III on Hybrid Annuity Mode in the State of Kerala	Fabrication and supply of I-Girder Launching Gantry	M/S KMC
8	Villupuram – Puducherry NH project	Supply of Rebar coupler and Prestressing works	M/S Dilip buildcon Ltd
9	Doda-ballapur bypass to Hoskote project	Supply of Rebar coupler	M/S Dilip buildcon Ltd
10	Commercial building- Perumbakkam	Supply and installation of prestressing system in the raft building	M/S Uma Civil construction
11	Four lane Bangalore Chennai Expressway project under baratmala on hybrid annuity mode (Phase 3, package 4)	Fabrication and supply of spreader beam	M/S Ramalingam Construction Company Ltd
12	Factory building – Water tank	Repair and strengthening of concrete structures	M/S Escorts
13	Multiplex Theater – Vetri cinema, Madurai	Rebar coupler and prestressing system	M/S IVLRC

Estructura team members involved in few important projects execution - BWSL



- 3 LG's operation
- 8 sets Lifting derrick
- PT works – 4500MT
- Installation of Stay cable works

Estructura team members involved in few important projects execution - MTHL



**PT works – 12000MT
(Internal and External
Unbonded PT)**



Estructra team members involved in few important projects execution – Chambal stay cable bridge



- 2 sets of Formtraveller
- PT works – 4500MT (Internal & External)
- installation of Stay cable works

Estructura team members involved in few important projects execution – Lakhadiya stay cable bridge



- 2 sets of Formtraveller

- Installation of Stay cable works



Estructura team members involved in few important projects execution – Bhardhawan stay cable bridge



- Lifting derrick operations

- Installation of Stay cable works



Estructura team members involved in few important projects execution Chennai Metro Phase - 1



- LG operations

- PT installation

Estructura team members involved in few important projects execution – Riyadh Metro Line 3



- 3 nos of LG operations

- PT installation



Estructura team members involved in few important projects execution – KVMRT Phase 1 and 2, Malaysia



- 2 nos of LG operations
- PT installation



Estructura team members involved in few important projects execution – Zuari bridge, Goa



- 4 nos of Lifting derrick operations
- 2 nos of LG operation
- PT installation

Estructura team members involved in few important projects execution – Chennai Metro double decker





Thank You



**Estructura specialised Construction Pvt
Ltd**